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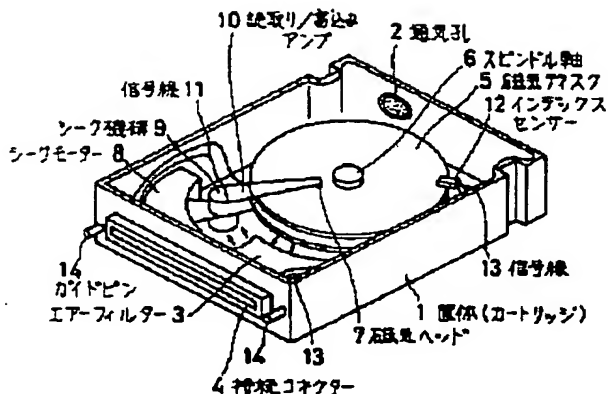
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APPLICANT : RICOH CO LTD;

INVENTOR : OTA SHUICHI;

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TITLE : DISC LIBRARY APPARATUS, DISC  
DRIVING APPARATUS AND  
CARTRIDGE



ABSTRACT : PURPOSE: To realize a large capacity, high speed and high reliability memory apparatus by a method wherein the memory capacity and the access speed of a fixed disc type memory apparatus are realized by employing a media changeable apparatus and, further, the memory apparatus is combined with a library apparatus.

CONSTITUTION: A magnetic disc 5, a magnetic head 7, a seeking mechanism 9, a lift mechanism, a dust-proof air filter 3, a writing/reading amplifier 10, an index sensor 12, etc., are enclosed in a cartridge case 1 with an airtight structure. High speed and high accuracy positioning can be realized, penetration of external dusts can be avoided, clean air can be maintained, the low speed operation of the magnetic head can be realized, the dust-proofness of an optical pickup can be obtained and a memory apparatus with a high recording density and high reliability can be obtained. Further, by combining the cartridge with a driving apparatus, a driving apparatus for a magnetic (or optical) disc can be constituted and, moreover, by combining a library apparatus with the disc driving apparatus, a magnetic (or optical) disc library apparatus can be constituted.

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